

## **Appendix E**

(Included on CD only)

### **Water Quality Parameters**

**Table E-1**  
**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
DP-501	9/10/2008	7.29	15.25	11.23	64.4	70	967.8
DP-502	10/14/2008	7.59	18.34	9.57	52.2	75	76.1
DP-509	10/14/2008	6.67	13.56	10.82	105.4	49	89.3
DP-509	10/14/2008	6.58	15.28	10.13	103.7	60	256.2
DP-510	10/16/2008	7.5	16.12	11.61	56.7	60	220.8
DP-510	10/16/2008	6.72	14.83	9.66	53.4	53	235.4
DP-510	10/16/2008	6.37	13.53	10.36	67.7	53	842.2
DP-511	10/17/2008	7.27	11.14	11.5	83.4	67	95.8
DP-511	10/17/2008	6.44	12.48	10.63	82.9	54	367.8
DP-511	10/17/2008	6.43	12.95	11.87	67.4	54	221.5
DP-519	11/14/2008	6.85	14.15	10.18	43.4	77	786
DP-519	11/14/2008	6.59	11.93	12.17	91.4	71	334
DP-519	11/14/2008	6.33	12.25	13.19	96.1	47	259.2
DP-519	11/14/2008	6.3	12.13	12.44	113	57	109.4
DP-519	11/17/2008	8.03	9.78	11.35	71.3	62	113.9
DP-519	11/17/2008	7.89	10.33	11.52	109.7	64	54.5
DP-519	11/17/2008	7.5	10.6	11.34	122.8	62	205.9
J2EW0001	3/21/2007	6.43	10.06	10.22	72.9	40	0
J2EW0001	10/3/2007	5.44	12.47	10.56	258.3	61	2.65
J2EW0001	3/5/2008	6	10	12	198	58	2
J2EW0001	9/10/2008	6.18	10.15	10.96	122.3	104	4.6
J2EW0001	2/10/2009	7.17	9.53	11.18	113.2	41	13.1
J2EW0001	8/3/2009	6.45	10.35	10.39	135	62	1.4
J2EW0002	3/21/2007	6.54	9.93	10.12	90.7	39	12.5
J2EW0002	10/3/2007	5.84	13.19	10.67	225.4	59	4.21
J2EW0002	3/5/2008	6	10	12	216	56	4
J2EW0002	9/10/2008	6.75	10.21	11.26	101.7	100	5.1
J2EW0002	2/10/2009	7.05	9.7	11.65	97.7	51	16.2
J2EW0002	8/3/2009	6.21	10.4	11.19	140.4	60	0.3
J2EW0003	3/21/2007	7.22	9.78	11.84	134.4	38	0
J2EW0003	10/3/2007	5.93	11.64	10.94	228	61	2.18
J2EW0003	3/5/2008	6	10	12	238	58	5
J2EW0003	9/10/2008	7.28	10.21	11.03	52.5	109	10.6
J2EW0003	2/10/2009	6.78	9.55	12.48	86.3	53	23.8
J2EW0003	8/3/2009	6.17	10.54	10.54	129.3	62	0.9
J2EW1-MW1-A	10/15/2007	5.83	10.08	0.15	160	55	25.8
J2EW1-MW1-A	10/6/2008	5.56	10.72	11.05	138.8	71	32.3
J2EW1-MW1-A	8/4/2009	5.82	16.49	11.9	161.1	46	0
J2EW1-MW1-B	10/15/2007	5.45	10.33	11.44	283.8	70	25.9
J2EW1-MW1-B	10/7/2008	5.23	12.2	11.02	206.5	80	44.5
J2EW1-MW1-B	8/4/2009	5.99	20.07	6.84	178	63	0
J2EW1-MW1-C	10/16/2007	5.24	9.65	11.24	268.5	60	4.96
J2EW1-MW1-C	10/7/2008	5.8	11.38	10.94	180.8	80	24.4

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**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
J2EW1-MW1-C	8/4/2009	6.26	14.47	11.85	170.4	62	2.4
J2EW2-MW1-A	10/17/2007	4.95	12.45	10.31	264	56	10.18
J2EW2-MW1-A	10/7/2008	5.36	10.75	11.35	204.1	88	3.1
J2EW2-MW1-A	8/10/2009	5.57	14.49	10.47	176.8	73	0
J2EW2-MW2-A	10/16/2007	4.97	9.83	11.52	284.6	68	30.4
J2EW2-MW2-A	10/7/2008	5.17	10.7	10.24	204.5	79	70.2
J2EW2-MW2-A	8/6/2009	5.53	12.51	11.01	186.9	66	4.9
J2EW2-MW2-B	10/16/2007	5.28	10.63	11.61	293.4	54	10.72
J2EW2-MW2-B	10/7/2008	5.58	10.74	11.52	188	72	44.7
J2EW2-MW2-B	8/6/2009	5.55	15.49	10.07	196.4	60	0
J2EW2-MW2-C	10/17/2007	4.8	10.18	11.14	275	66	11.4
J2EW2-MW2-C	10/7/2008	5.03	13.82	7.23	278.8	32	85.4
J2EW2-MW2-C	8/6/2009	5.35	15.19	0.5	187.9	31	3.1
J2EW2-MW3-A	10/17/2007	5.19	11.33	11.73	171	53	11.6
J2EW2-MW3-A	10/2/2008	5.49	11.06	10.52	96.8	72	54.8
J2EW2-MW3-A	8/7/2009	5.7	11.84	8.86	139.2	70	0.7
J2EW2-MW3-B	10/12/2007	5.75	11.31	10.73	322.6	55	8.96
J2EW2-MW3-B	10/6/2008	6.05	10.45	10.03	170.3	69	14.1
J2EW2-MW3-B	8/7/2009	6.21	13.02	7.88	145	54	0.2
J2EW2-MW3-C	10/12/2007	5.63	11.24	11.43	317.9	58	7.06
J2EW2-MW3-C	10/2/2008	5.45	11.24	9.71	200.9	70	4.9
J2EW2-MW3-C	8/7/2009	5.93	13.86	7.36	169.4	62	3.3
J2EW3-MW-2-A	10/4/2007	5.15	13.26	6.95	230.9	73	10.52
J2EW3-MW-2-A	9/30/2008	4.95	11.42	11.69	219.4	85	5.8
J2EW3-MW-2-A	8/11/2009	5.79	14.34	11.47	164.4	69	3.6
J2EW3-MW-2-B	10/12/2007	5.68	10.77	11.83	270.7	49	24.1
J2EW3-MW-2-B	4/24/2008	6.49	16.46	4.26	197.5	46	0.9
J2EW3-MW-2-B	9/30/2008	5.67	12.54	11.27	185.4	61	5.8
J2EW3-MW-2-B	12/9/2008	6.72	8.92	11.95	177.5	75	11.7
J2EW3-MW-2-B	2/12/2009	6.21	9.35	11.66	183.5	69	8.4
J2EW3-MW-2-B	8/12/2009	6.09	13.79	12.53	166.8	55	0
J2EW3-MW-2-C	9/30/2008	5.67	12.54	11.27	185.4	61	4.9
J2EW3-MW-2-C	12/9/2008	6.67	9.1	11.77	173.3	59	11.1
J2EW3-MW-2-C	2/13/2009	6.98	6.81	12.1	205	56	5.7
J2EW3-MW-2-C	8/14/2009	6.46	14.56	11	144.4	50	0
MW-130D	10/4/2006	6.53	12.66	7.89	151.4	47	0.5
MW-130D	9/18/2008	5.65	11.4	8.01	196.7	78	5.9
MW-130M1	9/19/2006	5.72	12.1	11.16	190	47	0.8
MW-130M1	9/28/2007	5.05	12.51	10.77	290.3	63	1.38
MW-130M1	9/18/2008	4.99	11.37	11.28	237.9	74	5.9
MW-130M1	8/17/2009	5.68	11.79	8.82	182.1	52	0
MW-130S	10/5/2006	5.81	11.34	12.1	178.2	40	1.2
MW-130S	9/28/2007	5.28	13.44	10.74	318.5	50	1.3

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**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-130S	9/18/2008	4.92	11.09	11.1	251	62	7.7
MW-130S	8/17/2009	5.64	12.12	8.62	194.2	46	0
MW-229M1	9/13/2006	6.36	10.97	0.15	97.2	72	3.41
MW-229M1	10/1/2008	5.65	10.98	0.18	107.2	112	1.6
MW-229M2	9/13/2006	6.47	11.39	6.93	568.3	80	3.41
MW-229M2	9/28/2007	5.81	13.11	8.31	297.7	75	3.85
MW-229M2	10/1/2008	5.92	11.38	7.55	140.2	94	5.4
MW-229M2	8/11/2009	6.53	11.12	6.95	165.4	67	3
MW-229M3	9/21/2006	5.85	11.37	12.02	196.2	42	0.18
MW-229M3	10/1/2007	4.91	10.4	11.75	288.5	57	1.31
MW-229M3	10/1/2008	5.04	11.4	11.51	199.7	66	1.9
MW-229M3	8/11/2009	5.68	11.25	10.63	194.7	56	0
MW-229M4	9/21/2006	5.76	11.29	8.56	184.4	47	0
MW-229M4	10/1/2007	4.99	12.5	12.31	321.2	52	1.1
MW-229M4	10/1/2008	4.95	12.36	11.56	212.3	58	0.7
MW-229M4	8/11/2009	5.63	11.56	10.61	188.7	45	0
MW-230M1	9/27/2006	5.71	11.23	11.34	194.6	45	1
MW-230M1	9/28/2007	5	12.57	10.9	325.6	55	0.13
MW-230M1	9/18/2008	4.93	11.32	11.2	251.1	68	1.1
MW-230M1	8/14/2009	5.63	10.82	4.73	179.3	55	0
MW-230M2	9/27/2006	5.77	11.11	10.67	197.4	42	1.66
MW-230M2	9/28/2007	5.08	12.8	11.69	328.7	53	0.9
MW-230M2	9/18/2008	4.88	10.9	11.92	255	64	1.3
MW-230M2	8/17/2009	5.63	11.54	9.75	162.6	46	0
MW-234M1	9/13/2006	5.4	11.41	10.24	496.7	53	0
MW-234M1	10/2/2007	4.76	11.93	10.92	321.3	44	0.79
MW-234M1	9/22/2008	4.48	10.91	11.39	272.7	49	0.9
MW-234M1	8/14/2009	5.42	10.92	7.47	188.7	46	0
MW-234M2	9/13/2006	5.56	11.52	11.17	556.2	34	0.17
MW-234M2	10/2/2007	5.11	11.78	12.11	342.7	50	0.98
MW-234M2	9/22/2008	5.94	10.6	0.31	-66.2	56	0.8
MW-234M2	8/14/2009	5.55	10.94	6.57	198.1	46	0
MW-289M1	9/20/2006	6.47	11.21	3	61.1	62	15.5
MW-289M1	10/10/2007	5.69	10.22	3.24	-17	88	1.65
MW-289M1	10/1/2008	5.71	10.87	2.6	47.8	101	1.4
MW-289M1	8/17/2009	6.32	10.88	1.73	73.4	79	0
MW-289M2	9/20/2006	5.81	11.25	10	184.9	93	0.7
MW-289M2	10/1/2008	4.89	10.47	11.06	232	69	4
MW-289M2	8/17/2009	5.6	11.09	8.63	145.4	53	0
MW-289S	9/20/2006	5.52	12.69	12	275.7	50	0.71
MW-289S	10/2/2008	4.92	10.81	12	228.7	58	2.4
MW-289S	8/18/2009	5.64	10.93	10.89	174.4	46	0
MW-293M1	9/18/2006	6.73	12.1	6	136.5	55	0.21

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**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-293M1	10/1/2007	5.98	10.38	6.38	289.9	69	3.92
MW-293M1	9/25/2008	5.97	10.25	6.83	176.4	80	2
MW-293M1	8/12/2009	6.85	10.99	7.72	171.2	67	0
MW-293M2	9/18/2006	5.96	12.41	10	196.3	47	0.59
MW-293M2	10/1/2007	5.3	11.17	11.82	336.1	58	1.1
MW-293M2	9/25/2008	5.19	10.46	11.69	214.2	67	0.6
MW-293M2	8/12/2009	5.82	11.02	12.05	198.2	58	0
MW-293S	9/18/2006	5.74	12.05	12	231.1	40	0.76
MW-293S	10/1/2007	4.95	10.2	13.35	344.7	57	0.93
MW-293S	9/25/2008	4.94	10.97	12.32	229.1	58	0.1
MW-293S	8/12/2009	5.66	10.74	12.28	201.3	50	0
MW-296M1	9/18/2006	5.98	11.53	10	640.4		2.04
MW-296M1	3/19/2007	6.25	8.97	11.78	158.6	92	1.35
MW-296M1	10/4/2007	5.73	14.11	12.16	331.1	51	1.69
MW-296M1	3/10/2008	6	9	12	177	49	1
MW-296M1	9/24/2008	5.18	10.54	11.86	203.4	56	1.2
MW-296M1	2/10/2009	6.35	9.4	11.11	118.8	44	7.3
MW-296M1	8/6/2009	6.15	10.78	7.72	143.1	50	0
MW-296M2	9/19/2006	6.15	12.96	12	216.3	36	1.31
MW-296M2	3/20/2007	7.22	9.32	0.11	187.6	86	0.26
MW-296M2	10/18/2007	5.43	11.61	11.09	306	47	4.3
MW-296M2	3/10/2008	7	8	1	156	43	0
MW-296M2	9/24/2008	5.2	10.72	11.63	208.6	52	1.5
MW-296M2	2/10/2009	7.44	8.69	2.73	78.2	43	5.1
MW-296M2	8/7/2009	6.05	12.03	8.76	161.9	49	0
MW-300M1	9/25/2006	6.93	11.82	6	140.1	56	0.46
MW-300M1	9/9/2008	5.77	11.52	5.2	76.5	75	2.9
MW-300M2	9/25/2006	6.17	11.76	10	188.7	41	0
MW-300M2	10/10/2007	5.58	10.75	11.59	180.2	56	0.83
MW-300M2	9/9/2008	5.22	13.44	11.28	207.3	50	1.3
MW-300M2	8/18/2009	5.98	12.28	9.18	177.3	46	0
MW-300M3	9/25/2006	5.75	11.84	12	231.2	40	1.78
MW-300M3	10/9/2007	5.07	10.1	11.86	241.8	55	3.32
MW-300M3	9/9/2008	4.72	10.62	11.84	222.1	62	8.9
MW-300M3	8/18/2009	5.57	12.08	10.2	172.4	56	1.1
MW-302M1	9/19/2006	6.47	12.08	3	144.7	55	0.6
MW-302M1	9/9/2008	5.74	11.36	4.99	199.6	71	9.1
MW-302M2	9/19/2006	6.01	13.23	10	201.7	47	2.92
MW-302M2	10/3/2007	5.43	11.96	11.96	312.3	54	1.92
MW-302M2	9/9/2008	5.05	11.68	11.79	243.9	52	3.6
MW-302M2	8/7/2009	5.95	11.66	8.77	164.8	51	0
MW-305M1	10/2/2006	6.17	12.02	11.6	163.3	42	0
MW-305M1	9/27/2007	5.46	11.14	11.65	323.2	53	1.39

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**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-305M1	9/24/2008	5.25	10.27	11.72	188.9	57	1.4
MW-305M1	8/6/2009	6.06	11.07	7.99	166	54	0
MW-307M3	9/28/2006	5.38	12.29	11.08	305.6	45	0.66
MW-307M3	4/11/2007	5.5	9.79	12.66	271.9	57	0.9
MW-307M3	9/26/2007	5.61	11.17	11.93	215	55	7.5
MW-307M3	4/14/2008	5.87	9.73	10.84	223	48	6.4
MW-307M3	11/4/2008	5.47	10.59	11.93	242.6	52	5.8
MW-307M3	2/25/2009	5.59	9.39	11.04	190.8	63	6
MW-307M3	9/22/2009	5.13	11.13	12.44	250.6	53	3.6
MW-313M1	9/20/2006	6.29	12.79	9.4	192.5	42	0.31
MW-313M1	3/20/2007	6.82	9.75	11	218.8	98	0
MW-313M1	10/5/2007	5.94	12.14	9.92	260.9	54	1.11
MW-313M1	3/7/2008	6	10	9	199	52	0
MW-313M1	9/12/2008	5.48	11.18	8.98	212.4	64	0.1
MW-313M1	2/12/2009	6.57	10.18	9.71	176.9	53	7.4
MW-313M1	8/8/2009	6.44	11.78	9.87	125.9	53	13.1
MW-313M2	9/21/2006	6.26	12.14	11.61	159.3	40	0.7
MW-313M2	3/20/2007	6.47	9.86	11	223.7	97	0.89
MW-313M2	10/5/2007	5.43	13.38	12.4	291.3	53	1.96
MW-313M2	3/7/2008	6	10	12	190	53	0
MW-313M2	9/12/2008	5.21	11.04	11.62	229.8	62	0.8
MW-313M2	2/12/2009	6.27	9.87	11.77	187.3	54	7.6
MW-313M2	8/8/2009	6.07	11.6	10.65	152.3	55	12.9
MW-313M3	9/20/2006	5.83	13.17	10.7	261.2	54	0.59
MW-313M3	3/20/2007	6.3	8.91	11	232.6	127	1.52
MW-313M3	10/5/2007	5.27	13.81	11.13	329.6	69	4.52
MW-313M3	3/7/2008	6.07	9.77	10.71	207	63	0.7
MW-313M3	9/12/2008	5.19	11.94	10.54	232.4	77	0.3
MW-313M3	2/12/2009	6.12	9.76	11.03	201.1	62	7.3
MW-313M3	8/8/2009	5.9	13.16	9.82	168.9	63	13.2
MW-318M1	9/21/2006	6.66	10.35	9.61	168.2	42	1.72
MW-318M1	10/3/2007	6	12.28	10.15	303.9	58	2.7
MW-318M1	9/17/2008	5.8	11.9	10.12	205.2	58	5.4
MW-318M1	8/10/2009	5.86	11.55	10.82	142.8	52	0
MW-318M2	9/21/2006	5.7	10.98	11.32	319.7	42	0
MW-318M2	3/21/2007	6.21	8.76	11	210.8	98	0.54
MW-318M2	10/3/2007	5.16	12.33	11.9	341.9	56	0.77
MW-318M2	3/6/2008	6	10	12	225	53	4
MW-318M2	9/17/2008	5.18	11.07	11.63	236.9	54	0.4
MW-318M2	2/11/2009	5.88	10.01	11.18	199.7	55	5.4
MW-318M2	8/11/2009	5.85	11.98	10.32	172	53	0
MW-322M1	9/27/2006	6.12	11.63	11.89	175.4	44	1.05
MW-322M1	3/22/2007	6.31	9.14	11	239.4	54	0.2

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**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-322M1	9/27/2007	5.54	12.03	12.01	298.3	54	0.24
MW-322M1	3/6/2008	6	9	12	206	55	4
MW-322M1	9/11/2008	5.16	10.1	12.27	249	89	1.9
MW-322M1	2/11/2009	6.31	9.37	11.67	137.3	55	5.8
MW-322M1	8/13/2009	6.2	11.46	12.45	196.5	54	0
MW-322S	4/23/2007	5.81	9.71	12.31	248.9	59	4.4
MW-327M1	9/14/2006	5.98	12.81	1.52	82.6	59	12.6
MW-327M1	9/26/2007	5.31	12.37	0.61	102.8	81	5.47
MW-327M1	9/23/2008	5.94	10.6	0.31	-66.2	56	0.8
MW-327M1	8/5/2009	6.14	11.95	3.9	-63.6	94	2
MW-327M2	9/14/2006	6.22	12.23	9.73	85.8	41	0.87
MW-327M2	9/26/2007	5.78	12.18	8.98	255.1	52	3.74
MW-327M2	9/23/2008	5.3	10.84	7.62	160.7	54	0.6
MW-327M2	8/4/2009	6.1	11.58	6.49	32.2	49	0
MW-327M3	9/14/2006	6.06	11.56	10.98	148.7	46	0.22
MW-327M3	3/20/2007	6.34	9.22	10.98	183	105	0.3
MW-327M3	9/26/2007	5.32	13.15	9.39	270.9	59	7.58
MW-327M3	3/10/2008	6	8	12	173	55	1
MW-327M3	9/24/2008	5.09	10.54	10.86	174.1	63	2
MW-327M3	2/10/2009	6.03	8.91	10	81.4	49	12
MW-327M3	8/5/2009	5.74	11.97	10.69	69	57	0
MW-330M2	9/21/2006	6.08	11.53	5.57	342.7	52	0
MW-330M2	11/7/2007	6.14	10.24	3.51	191.4	76	8.1
MW-330M2	9/29/2008	5.44	11.42	3.47	197.5	91	0.2
MW-330M2	8/5/2009	6.12	12.08	6.07	78.8	72	0
MW-331M1	9/19/2006	6.18	12.05	11.52	160.4	41	0.86
MW-331M1	10/18/2007	5.33	12.1	11.93	312	57	1.73
MW-331M1	9/17/2008	5.18	11.78	10.75	230.2	58	0.1
MW-331M1	8/5/2009	6.08	12.29	12.14	94.3	57	0
MW-331M2	9/19/2006	6.02	12.72	11.37	179.1	37	0.79
MW-331M2	3/21/2007	4.45	10.69	11	497.8	97	0.33
MW-331M2	10/18/2007	5.31	12.08	10.47	322	56	1.47
MW-331M2	3/6/2008	6	10	11	187	55	9
MW-331M2	9/17/2008	5.03	11.55	10.47	244.9	55	0.5
MW-331M2	2/11/2009	5.38	10.23	10.55	267.3	55	5.5
MW-331M2	8/5/2009	5.89	12.7	11.64	127.2	54	0
MW-337M1	9/21/2006	6.51	10.3	11.71	134.6	39	0.46
MW-337M1	3/21/2007	6.25	9.52	11	352.6	92	0.64
MW-337M1	10/4/2007	5.68	11.58	11.92	301.9	52	1.65
MW-337M1	3/7/2008	8	9	0	26	49	16
MW-337M1	9/11/2008	5.45	10.28	11.68	230.1	81	3.2
MW-337M1	2/10/2009	6.58	9.19	10.92	99.9	44	6.7
MW-337M1	8/12/2009	6.4	10.87	11.39	171.4	50	0

**Table E-1**  
**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-340M1	9/14/2006	6.05	12.46	9.96	581.2	38	0.28
MW-340M1	10/18/2007	5.41	10.19	11.12	263	51	3.95
MW-340M1	10/8/2008	6.65	13.65	0.15	83.2	45	9.6
MW-340M1	8/13/2009	6.23	11.17	13.69	176.8	49	0.2
MW-340M2	9/14/2006	5.6	11.33	11.51	660.2	36	0.27
MW-340M2	10/18/2007	5.46	10.62	11.58	298	50	11.65
MW-340M2	10/8/2008	5.89	11.59	1.04	148.2	40	4.7
MW-340M2	8/13/2009	6.97	11.71	0.26	170.8	48	5
MW-345M2	9/14/2006	6.06	11.16	11.2	538.3	40	0
MW-345M2	10/9/2007	5.53	10.36	11.74	303.2	56	1.6
MW-345M2	9/29/2008	5.5	11.11	11.77	195	64	0.3
MW-345M2	8/13/2009	6.2	10.47	13.61	162.3	52	0
MW-348M1	9/27/2006	6.48	12.33	0.7	-93.9	65	147
MW-348M1	9/27/2007	5.76	11.93	2	14.2	70	118
MW-348M1	9/25/2008	5.85	11.22	2.73	43.2	81	181.3
MW-348M1	8/10/2009	6.7	12.25	4.42	42.9	65	52.7
MW-348M2	9/27/2006	5.87	11.85	8.42	195.8	40	34
MW-348M2	9/27/2007	5.94	13.91	10.56	265.2	52	11.2
MW-348M2	9/25/2008	5.57	10.74	10.78	106.6	57	106.8
MW-348M2	8/10/2009	6.42	11.2	10.06	99.8	45	2.4
MW-519	1/9/2008	NM	8.42	NM	NM	NM	NM
MW-519	1/9/2008	7.99	8.25	128.3	111.8	112	15
MW-519	1/9/2008	7.63	NM	13.34	93.4	102	58.2
MW-519	1/8/2009	7.77	9.76	12.37	133.2	81	8.1
MW-519	1/8/2009	8.23	8.25	13.12	48.8	72	63.2
MW-519	1/8/2009	7.65	7.17	12.74	104.2	86	12.9
MW-519	1/8/2009	7.67	9.24	12.53	61.6	60	70.8
MW-519	1/8/2009	7.42	8.92	13.22	105.6	58	817.2
MW-519	1/8/2009	7.4	8.04	13.28	90.4	60	249.9
MW-519	1/14/2009	7.97	7.48	13.98	53.2	62	67.2
MW-519	1/14/2009	7.59	9.45	13.93	74.8	57	201.2
MW-519	1/14/2009	8.06	8.4	14.88	97.8	53	156.4
MW-519	1/14/2009	8.09	8.84	13.61	75.8	62	242.5
MW-519	1/15/2009	7.86	9.79	9.33	67.9	86	13.1
MW-519	1/15/2009	7.92	8.59	10.21	137.4	72	158.8
MW-519	1/23/2009	7.56	8.63	NM	NM	115	1.8
MW-519M1	2/5/2009	6.42	8.51	3.89	-101.3	77	12.1
MW-519M1	6/10/2009	6.82	9.92	7.44	39.1	69	2.4
MW-519M1	9/18/2009	6.09	10.7	8.43	68.9	48	1.3
MW-54M2	10/23/2006	5.8	10.62	10.52	137.8	41	3.39
MW-54M3	10/23/2006	5.91	10.99	11.47	172	45	2.59
MW-54S	10/23/2006	6.17	10.74	8.22	129.6	53	3.75
MW-55M2	10/23/2006	6.18	10.44	11.69	160.5	38	4.89



**Table E-1**  
**J-2 Range Northern Water Quality Parameters**

Location	Sample Date	pH (SU)	Temperature (° C)	Dissolved Oxygen (mg/L)	Redox Potential (mV)	Specific Conductance (µS/cm)	Turbidity (NTU)
MW-55M3	10/23/2006	6.04	11	11.85	173.2	53	1.11
MW-55S	10/23/2006	6.13	11.02	11.81	172.6	53	6.48
MW-63M1	9/26/2006	5.94	10.69	11.79	183.7	41	0
MW-63M1	9/27/2007	5.34	12.11	11.89	243.8	59	1.58
MW-63M1	9/25/2008	5.25	10.6	12.05	185.6	70	1.9
MW-63M1	8/13/2009	6.03	10.66	15.07	198.2	56	0
MW-63M2	9/26/2006	6.16	11.48	0.29	208.3	46	5.89
MW-63M2	10/2/2007	5.95	10.89	0.26	261.2	30	0.73
MW-63M2	9/25/2008	5.13	12.37	11.47	193.8	68	3.4
MW-63M2	8/13/2009	6.69	10.72	0.27	186	56	0

Notes:

°C = degrees Celsius

mg/L = milligrams per liter

mV = millivolts

NTU = nephelometric turbidity units

pH = negative log hydrogen ion concentration

SU = standard unit

µS/cm = microsiemens per centimeters

NM = not measured